

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2000-050786

(43)Date of publication of application : 22.02.2000

(51)Int.Cl.

A01M 29/00

A01G 13/10

(21)Application number : 10-221822

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(22)Date of filing : 05.08.1998

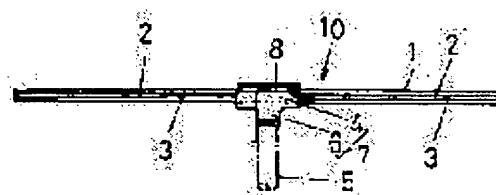
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## (54) BIRDS-REPELLING DEVICE AND ITS USE

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain a bird-repelling device that can give the birds electroconvulsive shocks, when the birds come into contact with the device by providing an insulating lever with a specific perch, a supporter and the like.

**SOLUTION:** The objective bird-repelling device is equipped with a perch 10 that is prepared by arranging high-voltage electrodes in parallel with the long axis of the outer wall of the insulating lever 1 at a prescribed interval and with an input means for this high-voltage electrodes 2. At this time, a joint pipe 7 connecting to the support 5 can be used as a supporting means and the electric wire connecting the high-voltage pulse current generator to the electrodes can be used as an input means. A plurality of electrically wired perches are each prepared by embedding conductive wires along the double long lines of the insulation tape and exposing the wires wholly or partially and extending them between the supporters arranged at a prescribed interval and these conductive wires are connected to the high-voltage generator.



## LEGAL STATUS

[Date of request for examination] 10.10.2001

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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3. In the drawings, any words are not translated.

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**CLAIMS**

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[Claim(s)]

[Claim 1] Birds repulse equipment characterized by installing an input means to the aforementioned high-voltage electrode in it while preparing support means along with the major axis in the outer wall of an insulating lever at predetermined interval for the rest tree which comes to carry out parallel installation of the high-voltage electrode, and the aforementioned insulating lever.

[Claim 2] Support means are birds repulse equipment according to claim 1 characterized by considering as the joint pipe connected with a support.

[Claim 3] An input means is birds repulse equipment according to claim 1 characterized by considering as the electric wire linked to the pulse-current generator of the high voltage, and an electrode.

[Claim 4] Birds repulse equipment characterized by having stretched between the supports which installed the electric wire rest tree to which the electric conduction line was laid under both the \*\*\*\* of an insulating tape, and the all or part was exposed in the predetermined interval, and connecting a high-voltage generator to the aforementioned electric conduction line.

[Claim 5] Operation of the birds repulse equipment characterized by projecting more highly [ while arranging the insulating lever of birds repulse equipment in the shape of a serial at intervals of predetermined around a field etc. ] than the crops which should protect the height of an insulating lever, and supporting.

[Claim 6] Operation of the birds repulse equipment characterized by arranging birds repulse equipment suitably in a field etc., projecting the insulating lever of the aforementioned birds repulse equipment up, and supporting it from the height of crops.

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